

**THE UNIVERSITY OF CHICAGO**

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Sub  
A1  
Cnd  
varies said characteristic by passing the image signal through the variable inductance element.

6. The image display apparatus of claim 5, wherein the variable inductance element comprises a coil having a primary winding and a secondary winding, the image signal passing through the primary winding, the control circuit alternately opening and closing the secondary winding.

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B1  
7. The image display apparatus of claim 1, wherein said characteristic is an amplitude characteristic, and the control circuit comprises:

a first amplifier circuit amplifying the image signal with a first gain characteristic;

a second amplifier circuit amplifying the image signal with a second gain characteristic differing from the first gain characteristic; and

a timing circuit selecting the first amplifier circuit and the second amplifier circuit alternately.

8. The image display apparatus of claim 7, wherein the second amplifier circuit includes a frequency compensation network causing the second gain characteristic to differ from the first gain characteristic at certain frequencies.

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B2  
9. The image display apparatus of claim 1, wherein said characteristic is a timing characteristic, and the control circuit comprises:

a first amplifier circuit amplifying the image signal;

a delay line delaying the image signal;

a second amplifier circuit coupled to the delay line, amplifying the delayed image signal; and

a timing circuit selecting the first amplifier circuit and the second amplifier circuit alternately.

10. The image display apparatus of claim 1, further comprising a control unit that determines a resolution of the image signal and activates the control circuit, depending on the resolution.

11. The image display apparatus of claim 1, further comprising an external control for activating the control circuit if the displayed image includes a moire pattern.

12. A method of processing an image signal for display as an image by an image display unit, comprising the step of: periodically varying a characteristic of the image signal.

13. The method of claim 12, wherein the image is divided into spatial lines and temporal frames, and said step of periodically varying alters said characteristic once per spatial line in each temporal frame.

14. The method of claim 13, wherein said step of periodically varying also alters said characteristic once per said temporal frame in each said spatial line.

15. The method of claim 12, wherein said step of periodically varying further comprises the step of passing the image signal through a variable inductance element.

16. The method of claim 12, wherein said step of periodically varying further comprises the steps of:  
amplifying the image signal with a first gain characteristic to generate a first amplified signal;  
amplifying the image signal with a second gain characteristic, differing from the first gain characteristic,

selecting the first amplified signal and the second amplified signal alternately.

18. The method of claim 12, further comprising the step of determining a resolution of the image signal, said step of periodically varying being performed depending on the resolution.

19. The method of claim 12, wherein said step of periodically varying is performed if the displayed image includes a moire pattern.